

GSMX

Cellular Communicators (3G/4G)

Honeywell is focused on providing the best alarm communication solutions for the security industry. Alternative communication methods are critical in the marketplace due to VoIP, migration from POTS and global growth of digital networks. Transmission Protocols Honeywell's IntelliPath™ Series communicators provide seamless, reliable coverage by automatically choosing the best signal in the area (whether 2G, 3G or 4G) and self-adjusting as necessary.

The following wireless communication protocols are supported:

HSPA+ (4G)
HSPA (HSDPA & HSUPA) (3G)
EDGE (2G)
GPRS (2G)

This groundbreaking communications solution offers full data reporting and uploading/downloading with most Honeywell control panels. In addition, with onboard zone inputs and optional dialer capture capability, we're compatible with other manufacturers' security panels as well. Honeywell communication products and control panels combine to make installations faster and easier.



iGSMV4G/GSMV4G/iGSMHS4G



GSMX4G



GSMVLP4G



3GL



VISTA-GSM4G

All signals are delivered to Honeywell's AlarmNet® Network Control Center, which routes the information to the appropriate central station. The state-of-the-art AlarmNet Network Control Center is fully redundant and monitored 24/7. AlarmNet has the ability to route messages using AlarmNet-i and 800 PLUS services, providing true redundancy and multi-path message delivery.

FEATURES

- **Multi-GSM platform compatibility**
—2G, 3G and 4G
- **Full Contact ID or ADEMCO®**
High-Speed Reporting Contact ID reporting using ECP mode with compatible Honeywell control panels or combined with optional dialer capture for non-ECP capable control panels.
- **256-bit AES Encryption**
Advanced encryption standard used for secure communications.
- **Upload/Download**
Available with select Honeywell control panels. Requires Compass version 1.5.8.54a or higher.
- **Integration**
Quick and easy installation of cellular communicator for VISTATM and LYNX controls.
- **Dynamic Signaling with Certain Honeywell Control Panels**
Provides management of control panel dialer and digital cellular communicator. Programmable priority and delays determine signal path.
- **Diagnostic LEDs** Provide signal strength and status indications.
- **QOS**
Quality of Service diagnostics via AlarmNet supply vital information including when a message was received, battery voltage, input voltage, signal strength and message path.
- **Web-Based Programming**
Allows complete interactive programming from AlarmNet Direct. <https://services.alarmnet.com/AlarmnetDirect>
- **Intelligent Supervision**
Any message generated serves as a supervision message per optional 24 hour or 30 day intervals. This feature effectively limits required messages to be sent.
- **Remote Services Capability***
Optional Honeywell Total Connect® Remote Services value-added web-based or SMS system control as well as e-mail notification of system events. Not available with iGSMHS4G.
- **Two-way Voice Transport**
GSM voice channel capable to allow two-way voice session in conjunction with an audio verification system (U.S. and Canada only).
- **Line Security**
Approved for line security applications with 200-second supervision intervals (iGSMHS4G).

*Service subscription required.

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Cellular Communicators (3G/4G)

FEATURES iGSMV4G/GSMV4G AND iGSMHS4G

- **Universal Control Panel Compatibility**
Modes of operation allow ECP alarm reporting by Honeywell control panels, 4204 relay mode for Honeywell controls (that do not support ECP alarm reporting) and zone triggering for use with other control panels (GSMV4G/iGSMV4G only).
- **Dialer Capture Ready**
Compatible with Dialer Capture Intelligence Device DCID (for LYNX) or DCID-EXT (other control panels). Captures Contact ID messages from the panel's phone line and sends them to the central station via the GSM radio (not agency approved) (GSMV4G/iGSMV4G only).
- **Six Input Zones**
Used for universal control panel compatibility (GSMV4G/iGSMV4G/iGSMHS4G).
- **Tamper Protected Enclosure**
Built-in tamper sends a report when a tamper condition is detected and a restore when cleared.
- **Built-in Power Supply**
Onboard charging circuit design accommodates back-up battery. Includes primary power and battery supervision.
- **Back-Up Battery**
6V 3.1Ah supplied to deliver up to 24 hours of standby operation.

SPECIFICATIONS

iGSMHS4G

DESCRIPTION

- **Encrypted line security communication**

PHYSICAL

- **Dimensions:** 8.4" x 8.0" x 1.5" (21.3cm x 20.3cm x 3.8cm)
- **Weight:** 2.4 lbs. with battery

ELECTRICAL

- **Input Power:** 16.5VAC, 40VA transformer, Honeywell Model No. 1361
- **Backup Battery:** 6V, 3.1AH, Honeywell Part No. K14139, (included)

- **Expected Battery Life:** 4 years approx.
- **Current Drain:** 65mA average standby, 380mA peak transmit
- **Fault Relay Output:** Open collector, 12VDC, 0.25W max.
- **Input Trigger Levels:** (V+) 6V – 13V; (V-) 4V – 0V

RF

- **Transceiver Type:** GSM/GPRS, UMTS/HSPA+
- **Antenna:** Internal GSM quad-band 1.3 dBi gain

ENVIRONMENTAL

- **Operating Temperature:** -4°F to 131°F (-20°C to 55°C)
- **Storage Temperature:** -40°F to 158°F (-40°C to 70°C)
- **Humidity:** 0 to 95% relative humidity, non-condensing
- **Altitude:** to 10,000 ft. operating; to 40,000 ft. storage

GSMVLP4G (LYNX Plus Controls)

DESCRIPTION

- **Voice capable, digital cellular communicator for use with LYNX Plus controls**
- **Uses an integrated quad band antenna that eliminates the coaxial cable connections for a high reliability RF interface**

PHYSICAL

- **Dimensions:** 5.25" X 2.25" (13.3cm x 5.7cm)

ELECTRICAL

- **Powered and battery backed directly from LYNX Plus controls**
- **Input Voltage:** 10.5VDC nominal
- **Quiescent Current:** 40mA
- **Average Current During Transmit:** 200mA

ANTENNA

- **Dual Band:** GSM 850 & 1900
- **VSWR:** 3:1

- **Peak Gain:** 3 dBi
- **Impedance:** 50 ohms
- **Polarization:** linear

ENVIRONMENTAL

- **Operating Temperature:** -4°F to 131°F (-20°C to 55°C)
- **Storage Temperature:** -40°F to 158°F (-40°C to 70°C)

3GL (LYNX Touch Controls)

DESCRIPTION

- **Voice capable, digital cellular communicator for use with LYNX Touch controls**
- **Uses an integrated quad band antenna that eliminates the coaxial cable connections for a high reliability RF interface**

PHYSICAL

- **Dimensions:** 4.75" x 2.5" (12.1cm x 6.4cm)

ELECTRICAL

- **Powered and battery backed directly from LYNX Touch control**
- **Input Voltage:** 5VDC nominal
- **Quiescent Current:** 15mA
- **Average Current During Transmit:** 300mA

ANTENNA

- **Dual Band:** GSM 850 & 1900
- **VSWR:** 3:1

- **Peak Gain:** 3 dBi
- **Impedance:** 50 ohms
- **Polarization:** linear

ENVIRONMENTAL

- **Operating Temperature:** -4°F to 131°F (-20°C to 55°C)
- **Storage Temperature:** -40°F to 158°F (-40°C to 70°C)

SPECIFICATIONS

GSMX4G

DESCRIPTION

- Quad band digital cellular communicator for use with ECP capable Honeywell control panels
- Supports cabinet mount or may be remotely located

PHYSICAL

- Dimensions: 4" x 7" x 1.75"
(10.2cm x 17.8cm x 4.4cm)

ELECTRICAL

- Input Voltage: 12VDC (powered via the ECP bus)
- Standby Current: 65mA
- Transmit Current: 380mA (Average)
- Transceiver Type: GSM/GPRS, EDGE, UMTS/HSPA+

ENVIRONMENTAL

- Operating Temperature: -4°F to 131°F (-20°C to 55°C)
- Storage Temperature: -40°F to 158°F (-40°C to 70°C)
- Dialer Capture Ready
Compatible with Dialer Capture Intelligence Device DCID (for LYNX) or DCID-EXT (other control panels). Captures Contact ID messages from the panel's phone line and sends them to the central station via the GSM radio (not agency approved).

VISTA-GSM4G (Integrated Cellular Communicator for use with VISTA-21iP Control Panels)

PHYSICAL

- Dimensions: 2.2" x 4.0"
(5.6cm x 10.2cm)

ELECTRICAL

- Input Voltage: 12V
- Peak Current During Transmit: 1.6A
- Quiescent Current: 20mA

VISTA-GSM ANTENNA

- Type: Dual band, dipole
- VSWR: <2:1
- Quad Band: 850, 900, 1800, 1900MHz
- Impedance: 50 ohms
- Polarization: Vertical

- Dimensions: 6.3" x 1.0"
(161mm x 26mm)

- Gain (Peak): 4dBi

- Connector Type: SMA male

ENVIRONMENTAL

- Operating Temperature: -4°F to 131°F (-20°C to 55°C)
- Storage Temperature: -40°F to 158°F (-40°C to 70°C)

CELLULAR COMMUNICATORS (3G/4G)

COMMUNICATION DEVICES	DESCRIPTION	TESTING AGENCY	COMMERCIAL BURGLARY STANDARDS							COMMERCIAL FIRE STANDARDS				RESIDENTIAL STANDARDS	
			UL 365 POLICE CONNECTED BURGLAR ALARM COMMERCIAL BURGLAR	UL 609 LOCAL BURGLAR ALARM SYSTEMS	UL 1076 PROPRIETARY BURGLAR ALARM UNITS AND SYSTEMS	UL 1610 CENTRAL STATION BURGLAR ALARM COMMERCIAL BURGLAR	UL 1635 DIGITAL ALARM COMMUNICATIONS COMMERCIAL BUR LAR	ENCRYPTED LINE SECURITY (GRADE AA) COMMERCIAL BURGLAR	NIST NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	UL 864 STANDALONE*	UL 864 PRIMARY/ BACKUP**	FACTORY MUTUAL (FM) COMMERCIAL FIRE	CALIFORNIA STATE FIRE MARSHALL (CSFM)	UL 1023 HOUSEHOLD BURGLAR ALARM	UL 985 HOUSEHOLD FIRE
CELLULAR COMMUNICATORS															
GSMV4G	Cellular Communicator	UL	✓			✓			✓				✓	✓	✓
IGSMHS4G	Line Security Communicator	UL	✓			✓		✓	✓						
GSMVLP4G	Communication for LYNX Plus	ETL					✓		✓					✓	✓
GSMX4G	Cellular Communicator	ETL					✓		✓					✓	✓
CDMA-X***	Cellular Communicator	ETL					✓		✓					✓	✓
IGSMCFP4G	Commercial Fire Communicator	UL							✓	✓	✓		✓		
IGSMV4G	Internet Cellular Communicator	UL	✓			✓			✓				✓	✓	✓
VISTA-GSM4G	Communicator for VISTA-21iP Control	ETL	✓			✓			✓				✓	✓	✓
3GL	LYNX Touch Communicator	ETL					✓		✓					✓	✓

*Standalone listing does not require a separate listed DACT.

**Primary/backup listing requires use of a listed DACT.

***CDMA-X is available in the U.S. only.

COMMUNICATION DEVICES	DESCRIPTION	TESTING AGENCY	CANADIAN STANDARDS				
			ULC-S303 LOCAL BURGLAR ALARM	ULC-S304 CENTRAL AND MONITORING STATION BURGLAR ALARM	ULC-S545 RESIDENTIAL FIRE WARNING SYSTEM	ULC/ORD-C1023 HOUSEHOLD BURGLAR	ULC-S559
CELLULAR COMMUNICATORS							
GSMVCN4G	Cellular Communicator	ULC		✓			✓
GSMVLPNC4G	Communicator for LYNX Plus	cETL			✓	✓	
GSMXCN4G	Cellular Communicator	cETL			✓	✓	
iGSMVCN4G	Internet/Cellular Communicator	ULC		✓			✓
VISTA-GSMCN4G	Communicator for VISTA-21iP Control	cETL	✓	✓	✓	✓	
3GLC	LYNX Touch Communicator	cETL			✓	✓	

ACCESSORIES*

7720P PROGRAMMER	K14139 BATTERY	1361 TRANSFORMER	1361CN TRANSFORMER	GSMV-AUDIO GSMX-AUDIO GSMVLP-AUDIO TWO-WAY VOICE AUDIO CABLES	DCID DIALER CAPTURE INTELLIGENCE DEVICE (FOR NON-ECP LYNX CONTROLS)	DCID-EXT DIALER CAPTURE INTELLIGENCE DEVICE (FOR NON-ECP CAPABLE CONTROL PANELS)
						

*Consult the installation instructions for accessory use and compatibility.

ORDERING

U.S.	
GSM-EXT	External Antenna Cable (GSMV4G, GSMX4G, GSMVLP4G, GSMVLP5-4G)
iGSMHS4G	Line Security Communicator
GSMV4G	Digital Cellular Communicator with Two-way Voice Transport Capability
GSMV-AUDIO	Two-way Voice Audio Cable (GSMV4G, VISTA®-GSM4G)
GSMV-KT	GSMV4G with Audio Cable (GSMV-Audio) for Two-way Voice Applications
GSMVLP4G	Internal GSM Module for LYNX Plus with Two-way Voice Transport Capability
3GL	Internal GSM Module for LYNX Touch with Two way Voice Transport Capability
GSMVLP-AUDIO	Two-way Voice Audio Cable (GSMVLP)
GSMX4G	Digital Cellular Communicator for VISTA Control Panels
GSMX-AUDIO	Two-way Voice Audio Cable (GSMX4G)
iGSMV-KT	iGSMV4G with Audio Cable (GSMV-Audio) for Two-way Voice Applications
iGSMV4G	Internet and GSM Communicator with Two-way Voice Transport Capability
VISTA-GSM4G	Plug-in GSM Module for VISTA-21iP
Canada	
GSMVCN4G	Digital Cellular Communicator with Two-way Voice Transport Capability
GSMVLP4G	Internal GSM Module for LYNX Plus with Two-way Voice Transport Capability
GSMXC4G	Digital Cellular Communicator for VISTA Control Panels
iGSMVCN4G	Internet and GSM Communicator with Two-way Voice Transport Capability
VISTAGSMCN4G	Plug-in GSM Module for VISTA-21iP
3GLC	Internal GSM Module for LYNX Touch with Two-way Voice Transport Capability

For more information

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L/GSMXD/D | 10/16
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